Danaher — Timers and Controllers

HA42A6B211



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The **HA42A6B211** interval timer is manufactured by Danaher as part of the Timers and Controllers series. It is an electromechanical unit that introduces a controlled delay before switching its output contacts, enabling conveyors, heaters, or other machine sections to run for a selected period in automated lines. The timer operates from a single-phase supply of **120 VAC** at **60 Hz**, allowing direct connection to common plant power systems.

A synchronous-motor timing drive maintains an accurate delay because its shaft speed is locked to the line frequency. The front dial has a **20:1** turn ratio, allowing fine adjustment when setting the desired interval. With the timing range extending to **120 s**, the device can control short process stages such as purge or dwell periods. Up to three independent circuits can be routed through the contact block, and each path can carry a resistive load of up to **15 A**. This capacity allows compatible motor starters or solenoid valves to be operated without an interposing relay. A locking knob prevents vibration or accidental contact from changing the selected setting.

The outer dial measures **4 in** across, providing large graduations that can be read quickly from the control panel. The timer uses an **electric reset signal** rather than a manual spring return, supporting fully automated operating cycles. Timing action is engaged by a **solenoid-actuated clutch** that provides rapid pickup while minimizing mechanical wear during repetitive starts. The **silver-alloy contacts** provide low-resistance switching and resist damage from electrical arcing. The large dial and locking knob make the interval easy to set and help prevent unintended adjustment during machine operation. Its electromechanical timing mechanism is suited to applications that require repeatable delays without electronic programming.

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Specifications

Clutch Actuation:	Solenoid	**Contact Current Rating:**	15 A	**Contact Material:**	Silver
Contact Sets:	3	**Dial Turn Ratio:**	20:1	**Maximum Time Setting:**	120 s
Outer Dial Diameter:	4 in	**Reset Type:**	Electric	**Setting Knob:**	Locking
Supply Frequency:	60 Hz	**Supply Voltage:**	120 VAC	**Timing Drive:**	Synchronous Motor
Last Verified:	11/16/2026 6:47 AM				

Contact Us

1620 Old Apex Road, Cary, NC 27513, USA

Toll Free: 1-888-551-3082

International: 1-919-443-0207

Fax: 1-919-867-6204

Email: sales@wakeindustrial.com

Shipping Options

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